

## Contingency Plan Report First Quarter 2008

### Ambient Monitoring

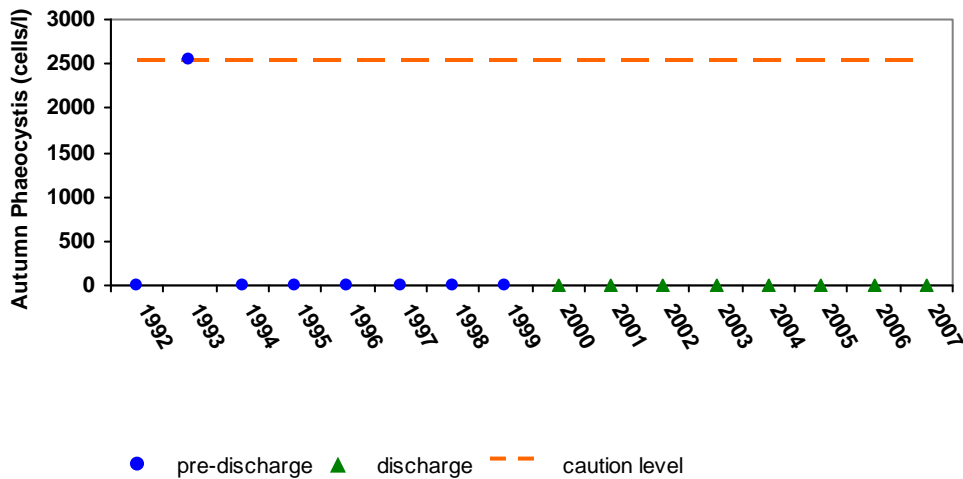
MWRA gathers data from the outfall location in Massachusetts Bay on various thresholds in its Deer Island outfall discharge permit. This report shows relevant ambient monitoring results that became available in the January-March 2008 time period. There were no exceedances of Contingency Plan thresholds.

#### NUISANCE ALGAE – Autumn 2007

In the figures below, we compare *Phaeocystis* and *Pseudonitzschia* data for autumn 2007 (September through November), which included four surveys, to the [nuisance algae thresholds](#) and results from previous autumns. We also compare *Alexandrium* data for each sample through the end of 2007 to the threshold. There were no nuisance algae threshold exceedances.

#### PHAEOCYSTIS

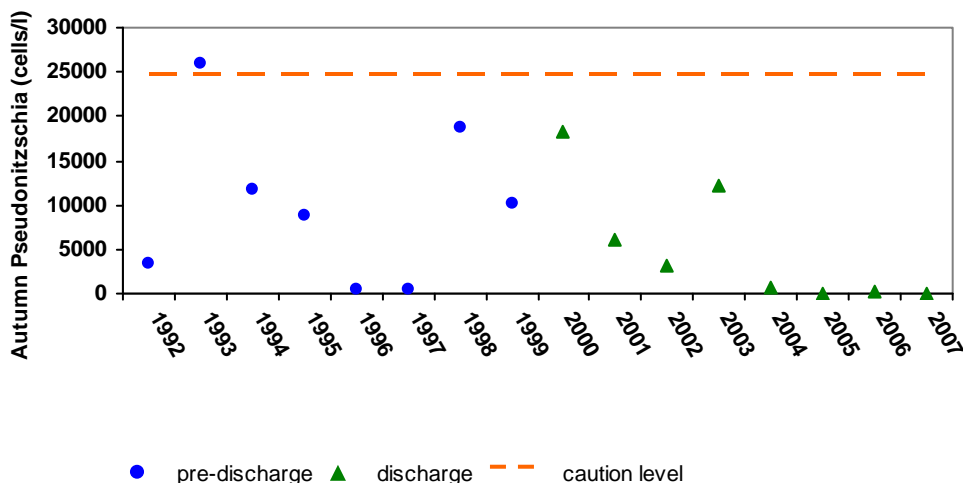
*Phaeocystis* was not observed in the nearfield in autumn 2007.



Autumn <i>Phaeocystis</i> mean abundance (cells/liter)	
Caution threshold	2,540
Autumn 2007	0

#### PSEUDONITZSCHIA

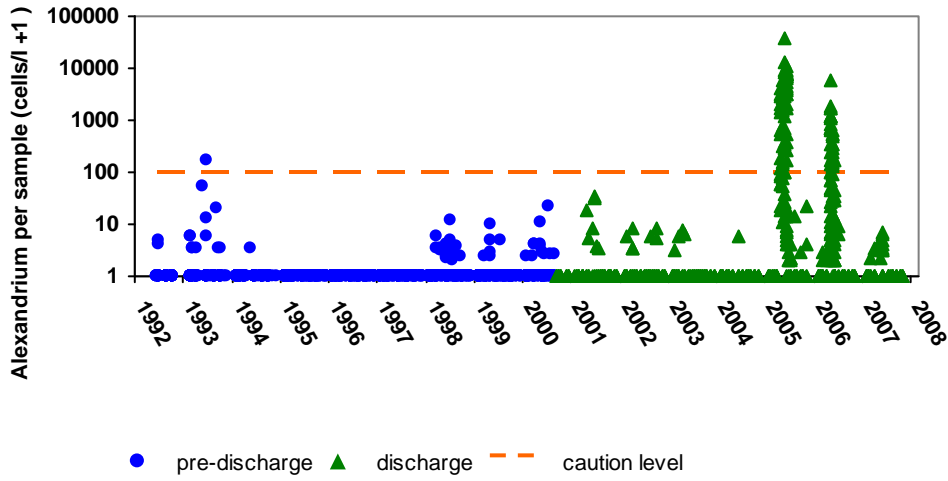
*Pseudonitzschia* was not observed in the nearfield in autumn 2007.



Autumn <i>Pseudonitzschia</i> mean abundance (cells/liter)	
Caution threshold	24,700
Autumn 2007	0

# ALEXANDRIUM

*Alexandrium* was not observed in the nearfield in autumn 2007.



<b>Autumn <i>Alexandrium</i> per-sample abundance (cells/liter)</b>	
Caution threshold	100
Autumn 2007	0*

\* maximum of all samples collected between September 1, 2007 and December 31, 2007